Gaps

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             DB 4; Length 14148;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:

COMPUTER READABLE FORM:

EIP: 10022

COMPUTER: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: PSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/323,443B

TTING DATE: 12-OCT-1994

TTING DATE: 12-OCT-1994
                                                                                                                                                                                                                                                                                                                                                                                             APPLICAT: LANDES, SALOS, APPLICAT: BURN, IMOTHY C.
APPLICAT: BURN, TIMOTHY D.
APPLICAT: CANORS, TIMOTHY D.
APPLICAT: CANORS, WILLIAM R.
APPLICAT: GERMINO, GREGORY
APPLICAT: GIAN, FENG
APPLICAT: OIAN, FENG
TIMOTHE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
TIMOTHER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
100.0%; Score 16; DB
Best Local Similarity 100.0%; Pred. No. 22;
Matches 16; Conservative 0; Mismatches
               Score 16;
Pred. No. 7
                                                                                                                                                                                                                                                                              Sequence 1, Application US/08323443B Patent No. 5654170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 5
US-08-658-136-2/c
; Sequence 2, Application US/08658136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATORNEY/AGENT INFORMATION:
NAME: Ludwig, S. Peter
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 0372
TELECOMUNICATION INFORMATION:
TELEFAX: (212) 527-7700
TELEFAX: (212) 753-6237
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 31571 base pairs
TYPE: nucleic acid
STRANDEDNESS: 31991e
             Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 16; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Darby & Darby
STREET: 805 Third Avenue
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3273 CGCGGGCGCCATCGT 328B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                           224 CGGCGGCGCCATCGT 209
                                                                                                                 1 CGCCGGCGGCATCGT 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Home sapite:
INMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
US-08-323-443B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                        NAME/KEY: misc_feature
LOCATION: 8363.11741
OTHER INFORMATION: /note- "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 8471, 8663, 8732, 8843,
                                       OTHER INFORMATION: /note- "n-linked glycosylation
OTHER INFORMATION: sites at following locations: 4559, 4574, 4631, 4763,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note- "Possible hinge sequence"
                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: 8288..8348
OTHER INFORMATION: /note= "predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: 10178..10238
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: 10886..10945
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: 7949.8009
OTHER INFORMATION: /note= 'Predicted transmembrane
OTHER INFORMATION: domain*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PEATURE:
    NAME/KEY: misc_feature
    LOCATION: 10052..10112
    OTHER INFORMATION: /note- "Predicted transmembrane
    OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCATION: 10955..11015
OTHER INFORMATION: /note- "Predicted transmembrane
OTHER:INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: 11216_11276
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
Location: 11894,.11954
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAMEKEN: misc_feature
LOCATION: 9434..9494
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature
LOCATION: 12293..12353
OTHER INFORMATION: /note= 'Predicted transmembrane
OTHER INFORMATION: domain'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: 12377..12437
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 279
COTHER INFORMATION: /note- *Cleavage site*
US-09-052-469-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 212..278
OTHER INFORMATION: /not
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
misc_feature
4574..8144
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Gaps

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GenCore version 5.1.3 Copyright (c) 1993 - 2003 Compugen Ltd.
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OM nucleic . nucleic search, using sw model

January 31, 2003, 18:57:08; search time 18.3667 seconds (without alignments) 317.252 Million cell updates/sec Run on:

US-09-904-968A-19 19 1 99tcgcgctgtggcgaagg 19

ritle:
Perfect score:
Sequence:

IDENTITY_NUC Gapop 10.0 , Gapext 1.0 Scoring table:

441362 segs, 153338381 residues Searched:

882724 Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

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/cgn2_6/ptodata/2/ina/FCTUS_COMB.seq:*
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:: /cgn2_6/ptodat#/2/ina/5B_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

STIMMAD 1 P.C.

COUNTRY: USA 21P: 10022 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy (

	Description	Sequence 1, Appli	Ŕ	7	::	ŵ		595			ထဲ		188	•	ď	σì	Sequence 9, Appli	Š	ፉ	õ	ď	Seguence 7, Appli	Sequence 8, Appli	Sequence 8, Appli	Sequence 9, Appl1	'n	o,	č
SUMMARIES	ID	US-08-323-443B-1	05-08-658-136-2	US-08-658-136-1	US-08-998-416-1115	US-09-668-680-6	US-09-658-690-7	US-09-221-017B-595	US-08-969-683A-66	US-09-105-537-1	US-08-330-108-8	PCT-US92-10087-8		US-08-824-874-2	US-09-210-084-2	US-08-463-081B-9	US-08-461-379A-9	US-08-452-390B-9	US-08-463-074B-9	\circ	US-08-652-446-9	US-08-104-072B-7	US-08-351-413-8	US-09-025-583-8	US-07-862-0218-9	US-08-313-288B-9	-	US-08-976-255-2
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	% Query Match	100.0	100.0	100.0	78.9	78.9	78.9	75.8	75.8	75.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
	Score	51	19	51	un rif	15	15	14.4	14.4	14.4	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
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COMPUTER MEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IMP C compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, S. Peter
REGISTRANCE/DOCKET NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 0372/0A462
TELEPHONE: (212) 527-7700
TELEPHONE: (212) 537-6237
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 31571 base pairs
TYPE: nucleic acid
STATO TOWNESS: single

DNA (genomic)

TOPOLOGY: linear MOLECULE TYPE: DNA (genomic HYPOTHETICAL! NO ORIGINAL SOURCE: CRGANISM: HOMO Sapiens IMMEDIATE SOURCE: CLONE: PKDI GENOMIC US-08-323-4438-1

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	7	7.4.7		. 4	US-09-230-3718-20	20,
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	13	72.6		~	US-08-632-863-56	58,
ě	E	72.6		N	US-08-832-877-56	36
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m	13	72.6		Н	US-08-459-041A-1	Ä
7	~	72.6		m	US-08-999-733-1	Sequence 1, Appli
	13	72.6		4	US-09-103-840A-1	e 1, App
	133	70.5			5168049-1	Patent No. 5168049
	M	70.5			US-09-199-637A-111	•
	(F)	_		(רו	-08-825-586-	Seguence 46, Appl
4	13	_		4	s-09-10	Sequence 2, Appli
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0S-08	US-08-323-4438-1/c	-1/0	!	•		
Seg.	Sequence 1, Application	Applica1	tion US/	0837	US/08323443B	
; Pat	Patent No. 5654170	654170	ţ			•
 GE	GENERAL INFORMATION	CRMATIO				
	APPLICANT		GER, KAT	KATHERINE	NE W.	
•	APPLICANT		LANDES, GREGORY	ORY	Ξ.	
7	APPLICANT		BURN, TIMOTHY C.	ن بر		
	APPLICANT	: CONN(CONNORS, TIM	TIMOTHY	<u>.</u>	
,	APPLICANT		DACKOWSKI, WILLIAM	(III)	IAM R.	
	APPLICANT		GERNINO, GRE	GREGORY		
	APPLICANT		QIAN, FENG			
	TITLE OF INVENTION:	INVENTIO		YCYS	POLYCYSTIC KIDNEY DISEASE GENE	,
	NUMBER OF SEQUENCES:	SECUENC	CES: 8			
	CORRESPONDENCE ADDRESS	DENCE AL	DDRESS:			
	ADDRESSE:		Darby & Darby	rby	PG	-
	STREET	80	hird Avenue	nne		
		New York	ж.			
		NX				
	>	•				

us-09-904-968a-19.rni

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TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSYPII TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSSYPII TITLE OF INVENTION: AND USES THEREOF NUMBER OF SEQUENCES: 1152
CORRESPONDENCE ADDRESS:
ADORESSEE: No. 6239264artis Corporation
CINER: 3054 CORDUNTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3; Length 53577;
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                                                          APPLICANT: GERMINO, GREGORY
APPLICANT: OIN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSES: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRANINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDICH TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENTION BATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNET/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
RECENENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: No. 6239264artis Corporation STREET: 3054 Corbwallis Road CITY: Research Triangle Park STATE: No. 6239264th Carolina LIP: 27709
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CONTROL OF 
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Best Local Similarity 100.0%;
Matches 19; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Db 3334 GGTCGCGCTGTGGCGAAGG 3352
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Ouery Match 100.0%; Score 19; DB 1; Length 31571; Best Local Similarity 100.0%; Pred. No. 0.72; Matches 19; Conservative 0; Mismatches 0; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 53526;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: LANDES, KATHERINE W
APPLICANT: LANDES, GRECORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: BURN, TIMOTHY D
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, FENG
APPLICANT: GIAN, FENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 19;
Best Local Similarity 100.0%; Pred, No. (Matches 19; Conservative 0; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION Release #1.0, v
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: GENZYME CORPORATION ONE MOUNTAIN ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESGLT 3
US-08-658-136-1
; Sequence 1, Application US/08658136
; Patent No. 6071717
                                                                                                                                                                                                                                                                                                                                                                                                                                                           2, Application US/08658136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Db 3334 GGTCGCGCTGTGGCGAAGG 3352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
ATTORNET/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,6
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATIO
TOT FPHONE: 508-872-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-2
                                                                                                                                                                                                                         DD 3599 GGTCGCGCTGTGGCGAAGG 3581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GGTCGCCTGTGGCCAAGG 19
                                                                                                                                                                       1 GGTCGCGCTGTGGCGAAGG 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ARESPONDADORESPENTADORESPENTADORESPENTADORESPENTATIONE MODALITY: FRAMINGBAMILY: MASSACHUSETTS USA
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPUTER:
OPERATING SYSTEM: PC-DOS

```
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORGANISM: HOMO saplens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucle:
STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-323-443B-1
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Sequence 102, App
Sequence 101, App
Sequence 102, App
Sequence 102, App
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Sequence 2, Appli
                                                                           ; Search time 25.1333 Seconds
(without alignments)
317.252 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                                                                                                                                                   /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.
                                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                    US-09-904-968A-4
26
1 ccacctcatcgccccttcctaagcat 26
                                                                                                                                                                                                                              441352 segs, 153338381 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                      OM nucleic · nucleic search, using sw model
                                                                                January 31, 2003, 18:57:08
                                                                                                                                                                                          IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0
Maximum DB seq length: 200000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query
Match 1
                                                                                                                                       Title:
Perfect score:
Sequence:
                                                                                                                                                                                            Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           7777777777777
                                                                                                                                                                                                                                    Searched:
                                                                                                                                                                                                                                                                                                                                                                                         Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Result
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Sednence
Sednence
Sednence
Sednence
Sednence
Sednence
                                                                               Sequence
Sequence
Sequence
                                                                                                                                      Sequence
                                                                    Sequence
                                         Sednence
                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KLINGER, KATHERINE W.
APPLICANT: KLINGER, GREGORY W.
APPLICANT: BURN, TIMOTHY C.
APPLICANT: BURN, TIMOTHY C.
APPLICANT: CONNORS, TIMOTHY D.
APPLICANT: CONNORS, TIMOTHY D.
APPLICANT: CERMINO, GREGORY
APPLICANT: OLAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10022
COMPUTER READBLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM.

MEDIUM TYPE:
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CORPUTER: IBM PC compatible
CORFATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTOREY/AGENT INFORMATION:
NAME: LUGWIG, S. PETER
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 0372/0A462
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 527-7700
TELEPHONE: (212) 527-7700
TELEFAX: (212) 53-6237
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
            5-199B-41
8-155-16
8-155-17
8-333F-59
7-738B-59
                                                                                                                                                                                                                                                                                 ALIGNMENTS
                                         Sequence 1, Application US/09323443B
Patent No. 5654170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 31571 base pairs
nucleic acid
EDNESS: single
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us-09-904-968a-4.rni

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APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: GIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: MASSACHUSETIS
COUNTRY: USA
ZIP: 0170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SCHWALE DAILLY FOLLY STATES ST
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear; MOLECULE TYPE: DNA (genomic) US-08-658-136-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%;
Matches 25; Conservative 0
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                                                                                                                        Query Match
Best Local Similarity 100.0%; Score 26; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.0037;
Matches 26; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           POLYCYSTIC KIDNEY DISEASE GENE 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CCMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA: OS/08/658,136
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Owery Match
Best Local Similarity 100.0%; Pred. No. Matches 26; Conservative 0; Mismatch
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ATORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17.8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       sequence 2, Application US/08658136
Patent No. 6071717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: GIAN, FENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: GENZIME CO
STREET: ONE MOUNTAIN
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: QIAN, FEN
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nucleic act
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RESULT 4
US-09-415-784-101
Sequence 101, Application US/09415784
Patent No. 6391632
Patent No. 6391632
Patent No. 6391632
Patent No. 6391632
Sequence 101, John M.
Belli, Barbara A.
Schlesinger, Sondra B.
Schlesinger, Sondra B.
Brilov, Ilya Sergey A.
Frolov, Ilya WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR STARET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER LEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER LEADABLE FORM:
MEDIUM TYPE: Floppy disk
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4315 CCACCTCATCGCCCCTTCCTAAGCAT 4290

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Sequence 1, Application US/08658136 Patent No. 6071717

-08-658-136-1/c

Sequence

sequence 7, Appli Sequence 7, Appli Sequence 129, Appl Sequence 129, Appl Sequence 51, Appl Sequence 53, Appl Sequence 168, Appl Sequence 168, Appl Sequence 168, Appl Sequence 168, Appl

Sequence 31 Sequence 16

us-09-904-968a-3.rni

```
APPLICANT: KLINGER, KATHERINE W.
APPLICANT: LANDES, GREGORY M.
APPLICANT: LANDES, TIMOTHY C.
APPLICANT: CONNORS, TIMOTHY D.
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: BOST TAIL AVENUE
CITY: NEW YORK
STATE: NY
COUNTRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: NEW KOLAN
STATE: NEW KOLAN
STATE: NEW
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: DATEMET PROCESSEN: PC-DOS/MS-DOS
SOFTWARE: PATEMETIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATORNEZ/AGENT INFORMATION:
NAME: Ladwig, S. PETER
REFERENCE/DOCKET NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 25,351
TELECOMMUNICATION INFORMATION:
TELECHOME: (212) 527-7700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (212) 527-7700 TELEFAX: (212) 753-6237; INFORMATION FOR SEQ ID NO: 1: SEGUENCE CHARACTERISTICS: LENGTH: 31571 base pairs TYPE: nucleic acid STRANDEDNESS: $1n^{-1}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
                                                                                                                       January 31, 2003, 18:57:08; Search time 28.033 Seconds (without alignments) 317.252 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1: /cgn2_6/ptodata/2/ina/5A_CCMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
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6: /cgn2_6/ptodata/2/ina/FCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.3
Copyright (c) 1993 - 2003 Compugen Ltd.
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                                                                                                                                                                                                                                                                                                                                                                     441362 segs, 153338381 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                    OM nucleic - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                 Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Issued_Patents_NA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Minimum DB seq length: 0 Maximum DB seq length: 2000000000
                                                                                                                                                                                                         US-09-904-968A-3
                                                                                                                                                                                                                   Title:
Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                                                                                              Sequence:
                                                                                                                             Run on:
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ALLLIA A.O. GREGORY FENG

us-09-904-968a-3.rni

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CORRESPONDENCE ADDRESS:
ADDRESSES: GENTYE CORPORATION
ADDRESSES: GENTYE CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: WASSACHUSETTS
COUNTRY: USA
LIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC COMPATIBLE
CORPUTER: PATCENTIN Release #1,0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
                                          APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%; Pred. No. 0.0022
Matches 29; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Qy : 1 CCATCCACCTGCTGTGTGACCTGGTAAAT 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WOLECULE TYPE: DNA (genomic)
US-08-658-136-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERIS
                                                   Gaps
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Query Match
Best Local Similarity 100.0%; Score 29; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 53526;
                                                                                                                                                                                                                                                                       APPLICANT: LANDES, GREGORY M
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GENINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: $8
CORRESPONDENCE, ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTE: USA
ZIP: 01701
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-TOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ouery Match
100.0%; Score 29;
Best Local Similarity . 100.0%; Fred. No. (
Matches 29; Conservative 0; Mismatch
                                                                                                                                      Db 1448 ccarccaccrdcrdrdrdrdrdraar 1476
                                                                                                1 CCATCCACCTGTGTGTGACCTGGTAAAT 29
                                                                                                                                                                                                                                                              Sequence 2, Application US/08658136
Patent No. 6071717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FRAMINGHAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION:
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Gaps
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US-09-479-309-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 720;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                              US-09-479-309-3/c
US-09-479-309-3/c
Sequence 3, Application US/09479309
Fatent No. 6110691
GENERAL INFORMATION:
APPLICANT: Nang, Xiaodong
APPLICANT: Nang, Xiaodong
TILLE OF INVENTION: ACTIVATORS OF CASPASES
FILE REFERENCE: UTSD630
CURRENT APPLICATION NUMBER: US/09/479,309
CURRENT FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 8
SEQ ID NO 3
LENGTH: 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 18.4; D
Pred. No. 38;
0; Mismatches
Db 2043 CCATCCACCTGCTGTGTGTGTGTGTAAAT 2071
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 78:5%;
Matches 22; Conservative
```

2043 ccarccaccrecrereaccregraar 2071

င်

Patent No. 6071717

NERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C

ö

Indels

Length 53577;

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US-09-513-007-1
US-08-451-77A-7
US-08-451-77A-7
US-08-998-208-7
US-08-912-129A-1
US-08-912-129A-1
US-08-912-129A-51
US-08-912-129A-51
US-09-176-657-4
US-09-173-5657-168
US-09-193-562D-31
US-09-193-562D-31
US-09-193-562D-31
US-08-976-259-64
                                                                                                                                                                                                                                                                   ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                      Equence_tr_dandscetton US/08323443B
Teacent_Note: Topacont
Constant_information:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NGTH: 31571 base pairs
PE: nucleic acid
RANDEDNESS: single
PPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo saplens
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PKD1 GENOMIC
-08-323-4433-1
                                                                                 January 31, 2003, 18:57:08 : Search time 28.033 Seconds (without alignments) 317.252 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 17
Sequence 16
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Sequence
Sequence
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Sequence
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/cgn2_6/ptcdata/2/ina/PcTUS_COMB.seq:*
          GenCore version 5.1.3 Copyright (c) 1993 - 2003 Compugen Ltd
                                                                                                                                          US-09-904-968A-3
29
I ccatccacctgctgtgtgacctggtaaat 29
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                                                                                                                                                                                                                                         441362-seqs, 153338381 residues
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Maximum Match 1004
Listing first 45 summaries
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Gapop 10,0 , Gapext 1.0
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Match Length DB
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derfect score:
dequence:
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Sequence 18, Sequence 18, Sequence 129, Sequence 51, Sequence 45, Asequence 45, Asequence 45, Asequence 168, Sequence 168,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: KLINGER, KATHERINE W.
APPLICANT: ELANDES, REGCORY M.
APPLICANT: BURN, TIMOTHY C.
APPLICANT: CONNONS, TIMOTHY D.
APPLICANT: CONNONS, TIMOTHY D.
APPLICANT: CONNONS, TIMOTHY D.
APPLICANT: CONNONS, TIMOTHY D.
APPLICANT: GENERAL W.
APPLICANT: GENERAL W.
APPLICANT: GIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEDUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Datby PC
STREET: 805 Third Avenue
CITY: New YORK
STREET: 805 Third Avenue
CITY: New YORK
STATE: NY
COUNTRY: USA
ZIP: 10022
CONFUTER: Elab PC Competible
OMPUTER: PREADLE FORM:
COMPUTER: PREADLE FORM:
COMPUTER: PREADLE FORM:
COMPUTER: PREADLE FORM:
APPLICATION DATA:
COMPUTER: PREADLE FORM:
COMPUTER: PREADLE FORM:
APPLICATION HUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
TELEPHONE: C1212, 527-7700
TELEPHONE: C1212, 527-7700
TELEPHONE: C1212, 527-7700
TELEPHONE: G122, 527-7700
TELEPHONE: G122, 527-7700
TELEPHONE: G122, 527-7700
TELEPHONE: G123, 528-6237
INFORMATION FOR SEQ ID NO:: 1:
SEDUENCE CHARCTERISTICS:
LENGTH: 3151 Dase PARIES
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Ouery Match
100.04; Score 29; DB 1; Length 31571;
Best Local Similarity 100.04; Pred. No. 0.002;
Matches 29; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTE READABLE FORM:
HEDIUM TYPE: Floppy disk
COMPUTER: 18M PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
SOFTWARE: PATENTIN BATA:
APPLICATION NUMBER: US/08/658,136
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REGISTRATION NUMBER: 31,845
RELECHONICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
                                                                                                                                                                                                                                                                   APPLICANT: KLINGER, KATHERINE WAPPLICANT: KLINGER, GREGORY WAPPLICANT: GURN, TIMOTHY CAPPLICANT: GURN, TIMOTHY CAPPLICANT: GONNORS, TIMOTHY DAPPLICANT: GERMINO, GREGORY APPLICANT: GERMINO, GREGORY APPLICANT: OINN, FENG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 3:
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Best Local Similarity 100.0%; Pred. No. 0.0
Matches 29; Conservative 0; Mismatches
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                                                                           1 CCATCCACCTGCTGTGACCTGGTAAAT 29
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APPLICANT: KLINGER, KATHERINE W APPLICANT: LANDES, GREGORY M APPLICANT: BURN, TIMOTHY C
                                                                                                                                                                                                      ce 2, Application US/08658136
No. 6071717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 11near
MOLECULE TYPE: DNA (genomic)
S-08-658-136-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      : 53526 base pairs
nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE
ADDRESSEE: E
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Gaps
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ORGANISM: Artificial Sequence
FEATURE:
FTATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
US-09-479-309-3
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Best Local Similarity 78.6%; Pred. No. 38;
Matches 22; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
APPLICANT: CONNUNC, WILLIAM.
APPLICANT: DACKGWSKI, WILLIAM.
APPLICANT: GERHINO, GREGORY
APPLICANT: OLAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: SECURENCES: SECURESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
THREET: ONE MOUNTAIN ROAD
THREET: ONE MOUNTAIN ROAD
                                                                                                                                                         Query Match
Best Local Similarity 100.0%; Pred. No. 0.0022;
Matches 29; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wang, Xlaodong
APPLICANT: Du, Chunying
ITILE OF INVENTION: Activators of Caspases
FILE REFERENCE: UISD630
CURRENT APPLICATION NUMBER: US/09/479,309
CURRENT FILING DATE: 2000-01-06
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patentin Ver: 2.1
SOFTWARE: Atentin Ver: 2.1
LENGTH: 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2043 CCATCCACCTGCTGTGACCTGGTAAAT 2071
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US-09-479-309-3/c
: Sequence 3. Application US/09479309
: Patent No. 6110691
                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELLZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
TELEFAX: 508-872-5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 508-872-5415
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARATERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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us-09-904-968a-4.rni

Run on:

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COMPUTRY: C.C.

ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHIN PC-DOS/MS-DOS
SOFTWARE: PATCHIN DATA:
APPLICATION NUMBER: US/08/323,443R
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: Ludwig, S. Peter
REGISTRATION NUMBER: 0372/0462
TELEFHONE: (212) 527-7700
TELECOMMUNICATION INFORMATION:
TELEFHONE: (212) 527-7700
TELEFHONE: (212) 53-6237
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARRATEISTICS:
LENGTH: 31571 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 1, Application US/08323443B
; Patent No. 5654170
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLONE: PI
-08-323-443B-1
                                                                                                                     January 31, 2003, 18:57:08 : Search time 25.1333 Seconds (without alignments) 317.252 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/pcTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/packfiles1.seq:*
GenCore version 5.1,3
Copyright (c) 1993 - 2003 Compugen Ltd.
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26
1 ccacctcatcgcccttcctaagcat 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
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Maximum Match 100%
Listing first 45 summaries
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Gapop 10.0 , Gapext 1.0
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Match
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Perfect score:
Sequence:
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Sequence 2,
Sequence 3,
Sequence 3,
Sequence 19,
Sequence 19,
Sequence 3,
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: KLINGER, KATHERINE W.
APPLICANT: KLINGER, KATHERINE W.
APPLICANT: LANDES, GREGORY M.
APPLICANT: BURN, TIMOTHY C.
APPLICANT: CONNORS, TIMOTHY D.
APPLICANT: DACKOWSKI, WILLIAM R.
APPLICANT: OIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KINNEY DISEASE GENE NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue CITY: New York
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us-09-904-968a-4.rni

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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 3: Length 53526;
Duery Match
100.0%; Score 26; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.0037;
Matches 26; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                      APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: CONNORS, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
APPLICANT: QIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIONEY DISEASE GENE
NUMBER OF SEGUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENIYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS .
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match
Best Local Similarity 100.0%; Pred, No. 0.004;
Matches 26; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (4315 CCACCTCATCGCCCCTTCCTAAGCAT 4290
                                                                                                                                 2619 CCACCTCATCGCCCTTCCTAAGCAT 2644
                                                                                                 1 CCACCTCATCGCCCCTTCCTAAGCAT 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: GENLYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SSULT 3
5.08-658-136-1/C
Sequence 1, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-872-8400
                                                                                                                                                                                                                                             -08-658-136-2/c
Sequence 2, Application US/U8658136
Patent No. 6071717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic);-08-658-136-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
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Belli, Barbara A.
Schlesinger, Sondra
Schlesinger, Sondra
Dryga, Sergey A.
Frolov, 11ya
TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
WITH REDUCED INHIBITION OF CELLGIAH MACRO-MOLEGULAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 3; Length 53577; 0.004;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
APPLICANT: DACKOWSKI, WILLIAM
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
APPLICANT: OIAN, FENG
ITILE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STRET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHUSETTS
COUNTRY: USA
LIP: 0170:
                                                                                                                                                                                                                                 Ouery Match. 100.0%; Score 26; DE
Best Local Similarity 100.0%; Pred. No. 0.(
Matches 26; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
REGISTRATION NUMBER: 31,845
REFERENCE/FOCKET NUMBER: 31,845
FELEPHONE: 508-872-8440
IFLEPHONE: 508-872-8440
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 53577 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Dubensky Jr., Thomas W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Seattle
STATE: Washington
COUNTRY: USA
2IP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            e 101, Application US/09415784
No 6391632
AL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPALI OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear;
; MOLECULE TYPE: DNA (genomic)
US-08-658-136-1
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us-09-904-968a-19.rni

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TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       UNCANISM: Homo saplens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
-08-323-4438-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORIGINAL SOURCE
ORGANISM: HOM
                                                                                                                                                                                                                                                                                               RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Appli
Appli
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115, Ap
                                                                            Japuary 31, 2003, 18:57:08; Search time 18.3667 Seconds (without alignments) 317.252 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 10
Sequence 7,
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Sequence 66
Sequence 10
Sequence 10
Sequence 10
Sequence 10
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                                                                                                                                                                                                                             441362 segs, 153338381 residues
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                                                                                                                                                                                                                                                                                                                         ost-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                      - nucleic search, using sw model
                                                                                                                                   US-09-904-968A-19
19
1 ggrcgcgrgtggcgaagg 19
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Gapop 10,0 , Gapext 1.0
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iximum DB seq length: 200000000
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Match Length DB
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Sequence 1,
Patent No. 51(
Sequence 111
Sequence 46,
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                    Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: KINGER, KATHERINE W.
APPLICANT: LANDES, GREGORY M.
APPLICANT: DACKOWS, TIMOTHY C.
APPLICANT: DACKOWS, TIMOTHY D.
APPLICANT: DACKOWS, TIMOTHY D.
APPLICANT: GERMINO, GREGORY
APPLICANT: GERMINO, GREGORY
APPLICANT: GENTION: POLYCYSTIC KIDNEY DISFASE GENE
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISFASE GENE
CORRESPONDENCES: 8
CORRESPONDENCES: ADBRESS:
ADBRESSEE: DALBY & DATBY PC
STREET: 805 Third Avenue
CITY: New YORK
STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:

WEDIUM TYPES Floopy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DCS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/323,443B
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATOMNESTICATION: A35
ATOMNESTICATION NUMBER: 25,351
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 0372/0A462
TELEFAX: (212) 537-7700
TELEFAX: (212) 753-6237
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 31571 base pairs
TYPE: nucleic acid
US-08-757-669A-20
US-09-230-371A-20
US-09-676-610B-24
US-09-773-816-1
US-08-832-883-56
US-08-832-873-2
US-08-999-733-2
US-08-999-733-2
US-08-999-733-1
US-08-999-733-1
                                                                                                                                                                                                                      5168049-1
US-09-199-637A-111
US-08-822-586-46
US-09-103-840A-2
                                                                                                                                                                                                                                                                                                                                                ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/08323443B Patent No. 5654170
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Owery Match
100.0%; Score 19; DB 1; Length 31571;
Best Local Similarity 100.0%; Pred. No. 0.72;
Matches 19; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3; Length 53526;
                                                                                                                                                                                                                                                                                                     APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN. TIMOTHY C
APPLICANT: BURN. TIMOTHY D
APPLICANT: GENAINO, GREGORY
APPLICANT: GENAINO, GREGORY
APPLICANT: GIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
NUMBER OF SEQUENCES: $8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/OB/658,136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LASSEN, ELIZABETH
REGISTRATION NUMBER: 31,845
REFERENCE/DOCKET NUMBER: GEN4-17,8
TELECOMMUNICATION INFORMATION:
TELEPHONE: 508-672-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: GENZYME CORPORATION
STREET: ONE MOUNTAIN ROAD
CITY: FRAMINGHAM
STATE: MASSACHDSETTS
COUNTRY: USA
                                                                                                                                                                                     RESULT 2
US-08-658-136-2
; Sequence 2, Application US/08658136
; Sequence 2, Application US/08658136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08658136 Patent No. 6071717
                                                                               Query Match
Best Local Similarity 100.0%;
Matches 19: Conservative 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : TOPOLOGY: 'linear
: MOLECULE TYPE: DNA (genomic)
US-08-658-136-2
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APPLICANT: OTAN TENGRADOR
APPLICANT: OTAN TENGRADOR
ITLE OF INVENTION: POURTYSTEN FOREOUR
APPLICANT: OTAN TENGRADOR
ADDRESSER: CENTRY CORPORATION
COMPITE: WAS MANIMAL FORM
STATE: WAS MANIMAL FORM
STATE: WAS MANIMALE FORM
COMPITE: WAS MANIMALE FORM
APPLICANTON WINDER TENGRADOR
APPLICANTON WINDER TO THE CENTRY TO THE
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RESULT 5
US-08-658-136-2/C
: Sequence 2, Application US/08658135
Query Match
Best Local Similarity 100.0%;
Matches 16; Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Match 100.0%;
Best Local Similarity 100.0%;
Matches 16; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 31571 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Db 3273 CGGCGGCCCCATCGT 3288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: PKD1 GENOMIC
                                                                                                                              224 CGGGGGGGGCATCGT 209
                                                                                                     1 CGGCGGCGGCATCGT 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; CLONE: F
US-08-323-443B-1
                                                                                              NAME/KEY: misc_feature
LOCATION: 8363.11741
OTHER INFORMATION: /note- "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 8471, 8663, 8732, 8843,
                    OTHER INFORMATION: /note= "N-linked glycosylation
OTHER INFORMATION: sites at following locations: 4559, 4574, 4631, 4763,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EATURE:
NAME/KEY: misc_feature
LOCATION: 212..278
OTHER INFORMATION: /note- 'Possible hinge sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 11216..11276
OTHER INFORMATION: /note- "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 12377..12437
OTHER INFORMATION: /note- "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 9288..8348
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 9434..9494
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain".
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LOCATION: 10052..10112
OTHER INFORMATION: /note- "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 10178..10238
OTHER INFORMATION: /note- "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 10886..10946
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 10955.11015
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 11894.,11954
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
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LOCATION: 12293..12353
OTHER INFORMATION: /note= "Predicted transmembrane
OTHER INFORMATION: domain"
                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: 7949.8009
OTHER INFORMATION: /note- "Predicted transmembrane
OTHER INFORMATION: domain"
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Score 16; DB 4; Length 14148;
Pred. No. 23;
Mismatches 0; Indels 0:
                                                                                                                                                                                       APPLICANT: EANDER, KATHERINE W.
APPLICANT: LANDER, GREGORY M.
APPLICANT: BURN, TIMOTHY C.
APPLICANT: BORNOWSKI, WILLIAM R.
APPLICANT: GERMINO, GREGORY
APPLICANT: OIAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GFNE
NUMBER OF SEQUENCE: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Daiby 6 Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: NY
COUNTRY: "
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APPLICATION NUMBER: US/08/323,4438
FILING DATE: 12-OCT-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LUGWIG, S. Peter
REGISTRATION NUMBER: 25,351
REFERENCE/DOCKET NUMBER: 25,351
TELECOMMUNICATION INFORMATION:
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